

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	497	((562/4) or (568/558) or (568/560)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/11/30 10:21
L2	20043	mixed near2 anhydride	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 10:21
L3	150554	(hydrogen near2 peroxide) or hydroperoxide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 10:22
L4	7	I1 and I2 and I3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 10:22

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	19	((("1133727") or ("3718675") or ("6610880") or ("3835203") or ("3819688")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/11/30 09:52
L2	20043	mixed near2 anhydride	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 09:52
L3	150554	(hydrogen near2 peroxide) or hydroperoxide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 09:53
L4	3348	I2 and I3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 09:53
L5	20006	peracid or (peroxy near2 acid) or diacylperoxide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 09:54
L6	730	I4 and I5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 09:54
L7	211	I2 same I3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 09:55
L8	45	I6 and I7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 09:55

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PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 "Ask CAS" for self-help around the clock  
NEWS 3 SEP 01 INPADOC: New family current-awareness alert (SDI) available  
NEWS 4 SEP 01 New pricing for the Save Answers for SciFinder Wizard within  
STN Express with Discover!  
NEWS 5 SEP 01 New display format, HITSTR, available in WPIDS/WPINDEX/WPIX  
NEWS 6 SEP 27 STANDARDS will no longer be available on STN  
NEWS 7 SEP 27 SWETSCAN will no longer be available on STN  
NEWS 8 OCT 28 KOREAPAT now available on STN  
NEWS 9 NOV 18 Current-awareness alerts, saved answer sets, and current  
search transcripts to be affected by CERAB, COMPUAB, ELCOM,  
and SOLIDSTATE reloads

NEWS EXPRESS OCTOBER 29 CURRENT WINDOWS VERSION IS V7.01A, CURRENT  
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP);  
AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004

NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS INTER General Internet Information  
NEWS LOGIN Welcome Banner and News Items  
NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that  
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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 10:13:48 ON 30 NOV 2004

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 10:14:01 ON 30 NOV 2004

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Property values tagged with IC are from the ZIC/VINITI data file

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STRUCTURE FILE UPDATES: 28 NOV 2004 HIGHEST RN 790189-55-8  
DICTIONARY FILE UPDATES: 28 NOV 2004 HIGHEST RN 790189-55-8

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more  
information enter HELP PROP at an arrow prompt in the file or refer  
to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>

Uploading C:\Program Files\Stnexp\Queries\616007a.str



chain nodes :

1 2 3 4 5 6 7 8

chain bonds :

1-2 2-3 2-4 4-5 5-6 5-7 7-8

exact/norm bonds :

2-3 2-4 4-5 5-6 5-7 7-8

exact bonds :

1-2

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS

L1 STRUCTURE UPLOADED

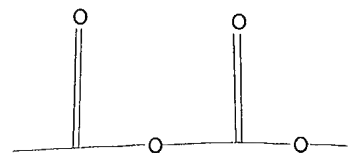
=> que L1

L2 QUE L1

=> d

L2 HAS NO ANSWERS

L1 STR



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Structure attributes must be viewed using STN Express query preparation.  
L2                    QUE   L1

=> s 12  
SAMPLE SEARCH INITIATED 10:14:27 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED -     451 TO ITERATE

100.0% PROCESSED        451 ITERATIONS                    33 ANSWERS  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:   ONLINE   \*\*COMPLETE\*\*  
                          BATCH   \*\*COMPLETE\*\*  
PROJECTED ITERATIONS:       7746 TO     10294  
PROJECTED ANSWERS:           316 TO     1004

L3                    33 SEA SSS SAM L1

=> s 12 ful  
FULL SEARCH INITIATED 10:14:33 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED -     8849 TO ITERATE

100.0% PROCESSED        8849 ITERATIONS                    950 ANSWERS  
SEARCH TIME: 00.00.01

L4                    950 SEA SSS FUL L1

=> file caplu		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	155.42	155.63

FILE 'CAPLUS' ENTERED AT 10:14:37 ON 30 NOV 2004  
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FILE COVERS 1907 - 30 Nov 2004   VOL 141 ISS 23  
FILE LAST UPDATED: 28 Nov 2004   (20041128/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 14  
L5                    661 L4

=> s 14 and (peroxy acid or peracid or diacylperoxide)  
661 L4

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14625 PEROXY  
3905326 ACID  
1121 PEROXY ACID  
(PEROXY(W)ACID)  
2215 PERACID  
16 DIACYLPEROXIDE  
L6 2 L4 AND (PEROXY ACID OR PERACID OR DIACYLPEROXIDE)

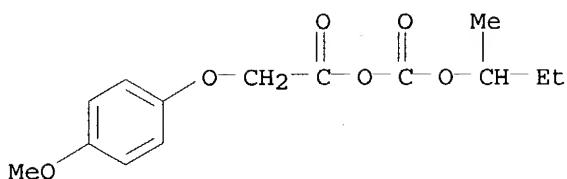
=> dup rem l6  
PROCESSING COMPLETED FOR L6  
L7 2 DUP REM L6 (0 DUPLICATES REMOVED)

=> d 1-2 bib fhitr

L7 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2001:283922 CAPLUS  
DN 134:295413  
TI Process for preparing peroxides using mixed anhydrides  
IN Overkamp, Johannes Willibrordus Antonius; Tammer, Marinus Catharinus; De  
Vries, Bernhard; Bovenkamp-Bouwman, Anne Gerdine  
PA Akzo Nobel N.V., Neth.  
SO PCT Int. Appl., 40 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

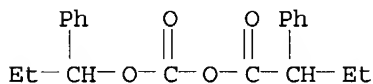
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001027078	A1	20010419	WO 2000-EP9927	20001009
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	EP 1220837	A1	20020710	EP 2000-966146	20001009
	EP 1220837	B1	20040818		
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL			
	JP 2003511440	T2	20030325	JP 2001-530099	20001009
	US 6610880	B1	20030826	US 2000-686785	20001011
	US 2004049070	A1	20040311	US 2003-616007	20030709
PRAI	EP 1999-203364	A	19991013		
	US 1999-171409P	P	19991221		
	WO 2000-EP9927	W	20001009		
	US 2000-686785	A3	20001011		
OS	CASREACT 134:295413; MARPAT 134:295413				
IT	334513-47-2				
	RL: RCT (Reactant); RACT (Reactant or reagent)				
	(process for preparing peroxides using mixed anhydrides)				
RN	334513-47-2 CAPLUS				
CN	Acetic acid, (4-methoxyphenoxy)-, anhydride with 1-methylpropyl hydrogen carbonate (9CI) (CA INDEX NAME)				

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RE.CNT 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1973:3467 CAPLUS  
DN 78:3467  
TI Reactions of m-chloroperoxybenzoic and p-nitroperoxybenzoic acids with  
carboxylic acid chlorides. Decomposition mechanisms of  
p-nitrobenzoyl-2-phenylbutanoyl peroxide  
AU Nicolas, Louisette; Beugelmans-Verrier, Michele; Vilkas, Michel  
CS Lab. Chim. Org. Biol., Univ. Paris-Sud, Orsay, Fr.  
SO Bulletin de la Societe Chimique de France (1972), (7), 2732-43  
CODEN: BSCFAS; ISSN: 0037-8968  
DT Journal  
LA French  
IT 39651-66-6P  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)  
(preparation and decomposition of)  
RN 39651-66-6 CAPLUS  
CN Benzeneacetic acid,  $\alpha$ -ethyl-, anhydride with 1-phenylpropyl hydrogen  
carbonate (9CI) (CA INDEX NAME)



=> d his

(FILE 'HOME' ENTERED AT 10:13:48 ON 30 NOV 2004)

FILE 'REGISTRY' ENTERED AT 10:14:01 ON 30 NOV 2004

L1 STRUCTURE UPLOADED  
L2 QUE L1  
L3 33 S L2  
L4 950 S L2 FUL

FILE 'CAPLUS' ENTERED AT 10:14:37 ON 30 NOV 2004

L5 661 S L4  
L6 2 S L4 AND (PEROXY ACID OR PERACID OR DIACYLPEROXIDE)  
L7 2 DUP REM L6 (0 DUPLICATES REMOVED)

=> s 17 and (hydroperoxide or hydrogen peroxide)

L8 2 S L7  
30790 HYDROPEROXIDE  
847063 HYDROGEN  
186355 PEROXIDE  
96793 HYDROGEN PEROXIDE  
(HYDROGEN(W) PEROXIDE)

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L9 1 L8 AND (HYDROPEROXIDE OR HYDROGEN PEROXIDE)

=> d ti

L9 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN

TI Process for preparing peroxides using mixed anhydrides

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

21.79

177.42

STN INTERNATIONAL LOGOFF AT 10:17:39 ON 30 NOV 2004